



Author Index

Abdel-Salam, A., 189

Aikens, P.A., 1

Akhter, M.S., 103

Babić-Ivančić, V., 145

Baglioni, P., 47

Berg, J.C., 89

Bilgen, S., 15

Brathwaite, D., 53

Buffle, J., 203

Cabane, B., 135

Carrazana-García, J.A., 61

Chrysikopoulos, C.V., 189

Coupland, J.N., 53

Cressely, R., 151

de Souza, E.F., 247

Delgado, A.V., 173

Demé, B., 135

Dubois, M., 135

Dukhin, S.S., 173

Ferretti, R., 203

Friberg, S.E., 1

Galembek, F., 247

Gambi, C.M.C., 47

Garrido, L.B., 163

Giordano, R., 47

González-Caballero, F., 173

Gramain, P., 217

Gzyl, B., 111

Hartmann, V., 151

Harwot, P., 229

Hicyilmaz, C., 15

Hoffmann, H., 67

Huang, T., 1

Khan, M.N., 239

Kónya, J., 117

Lim, K.H., 239

Lim, Y.Y., 239

López-Quintela, M.A., 61

Masson, N.C., 247

McClements, D.J., 53

Möbius, D., 37

Nagy, N.M., 117

Osseo-Asare, K., 27

Ozbas, K.E., 15

Paluch, M., 111

Poumier, F., 217

Putman, B., 81

Razilov, I.A., 173

Rivas-Rey, J., 61

Schaad, P., 217

Seebergh, J.E., 89

Shchipunov, Y.A., 23

Shumilina, E.V., 23

Sikirić, M., 145

Sojitra, I., 125

Sönmez, I., 9

Teixeira, J., 47

Thierens, D., 81

Tonković, M., 145

Torres Sánchez, R.M., 163

Urbin, Z., 117

Valsaraj, K.T., 125

van de Ven, T.G.M., 229

Van der Meeren, P., 81

Vereschetin, V.P., 37

Voegel, J.C., 217

Volzone, C., 163

Wei, D., 27

Weiss, J., 53

Yamaguchi, Y., 67

Yekeler, M., 9

Zaitsev, S.Y., 37

Zeiss, W., 37

Zemb, T., 135

Zhang, J., 203

Zharkikh, N.J., 173

Zubov, V.P., 37





ELSEVIER

Subject Index

Acetamide, 103
Adsorption, 81
Adsorption oscillations, 173
Aggregation, 203
Aggregation stability of latexes, 89
Air/water interface, 229
Alkyl derivatives of diamines, 23
Anchoring, 135
Aqueous solution/air interface, 111
Aqueous synthesis, 27
Autoxidation, 239

Bimolecular films, 23

Calcium-montmorillonite, 117
Calcium chloride, 229
Calcium hydroxyapatite dissolution, 217
Calcium oxalate, 145
Calcium phosphate, 145
Cationic surfactants, 67
Cetyltrimethylammonium bromide (CTAB), 151
Charge neutralization, 203
Cobalt ion, 117
Collectorless flotation, 9
Colloid deposition, 189
Colloids, 125
Colloid transport, 189
Column flotation, 9
Complexation, 37
Concentration polarization of the Stern layer, 173
Conductivity, 103
Contact angle, 81
Contaminants, 125
Coprecipitation of cobalt ferrite, 61
Cosmetic chemicals, 1
Cosolvent effects, 89
Counterion complexation, 47
Counterion displacement mechanism, 89
Critical micelle concentration, 103
Cryptand, 47

Deposition, 229
3,5-di-*tert*-butylcatechol, 239
DOMA, 37
Double layer dielectric constant, 89
DPPE, 37

Effective dipole moment, 111
Electrophoretic mobility, 81
Emulsions, 53
Evaporation, 1

Fate, 125
Ferrite synthesis, 61
Flotation kinetics, 9
Fluorite, 15
Formation, 23
Fouling, 81

Gels, 247

Hairy layer model, 89
Hematite, 203
Hydrolysis, 239
Hydrophobic aggregation, 15
Hydrophobic interactions, 103

IEP values, 163
Ionic aggregation, 247
Ionic selectivity, 37
Ions, 15

Kaolinite, 163
Kinetics, 53, 203

Lamellar phase, 135
Latex particles, 229
Low frequency dielectric dispersion, 173

Macrocycle, 47
Magnetic paper, 61
Membrane, 135

Micellar solution, 47
Micelle, 103
Micelles, 53, 151
Mixed adsorption films, 111
Mixed micelles, 239
Mixed monolayers, 37
Molecular shape, 23
Molecular weight, 203

Na-hexametaphosphate adsorption, 163
Neutron scattering, 47
Non-binary electrolytes, 173
Non-Newtonian viscosity, 151
Non-stoichiometric solutions, 217
Nonionic surfactants, 67

OH-Al polymers, 163
Oil type, 53

p-nitrophenyl diphenyl phosphate, 239
Particle size and hydrophobic fraction influence, 9
Phase change, 1
Phase equilibrium, 135
Phase separation, 247
Phospholipid, 135
Polyacrylic acid, 203
Polyphosphate, 247
Polysaccharide, 135
Polystyrene latex, 89

Precipitation, 145
Pyrite particles, 27

Rheological data, 163

Saponite surfactants, 67
Saturated fractures, 189
Sediments, 125
Shear-banding, 151
Shear-thickening, 151
Size exclusion, 189
Sodium oleate, 229
Sodium salicylate (NaSal), 151
Solubilization, 53
Spatially variable aperture, 189
Stochastic modeling, 189
Surface potential, 111
Surface tension, 111
Syneresis, 247

Ternary ion exchange, 117
Transport, 125
Tween 80, 1, 1

Uric acid, 145

Valinomycin, 37
Vegetable oil, 1

Zeta potential, 15
Zwitterionic surfactants, 67

